

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083074.D
 Acq On : 30 Jul 2024 17:51
 Operator : JC\MD
 Sample : PB162324ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162324ZHE#04

Quant Time: Jul 31 06:05:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

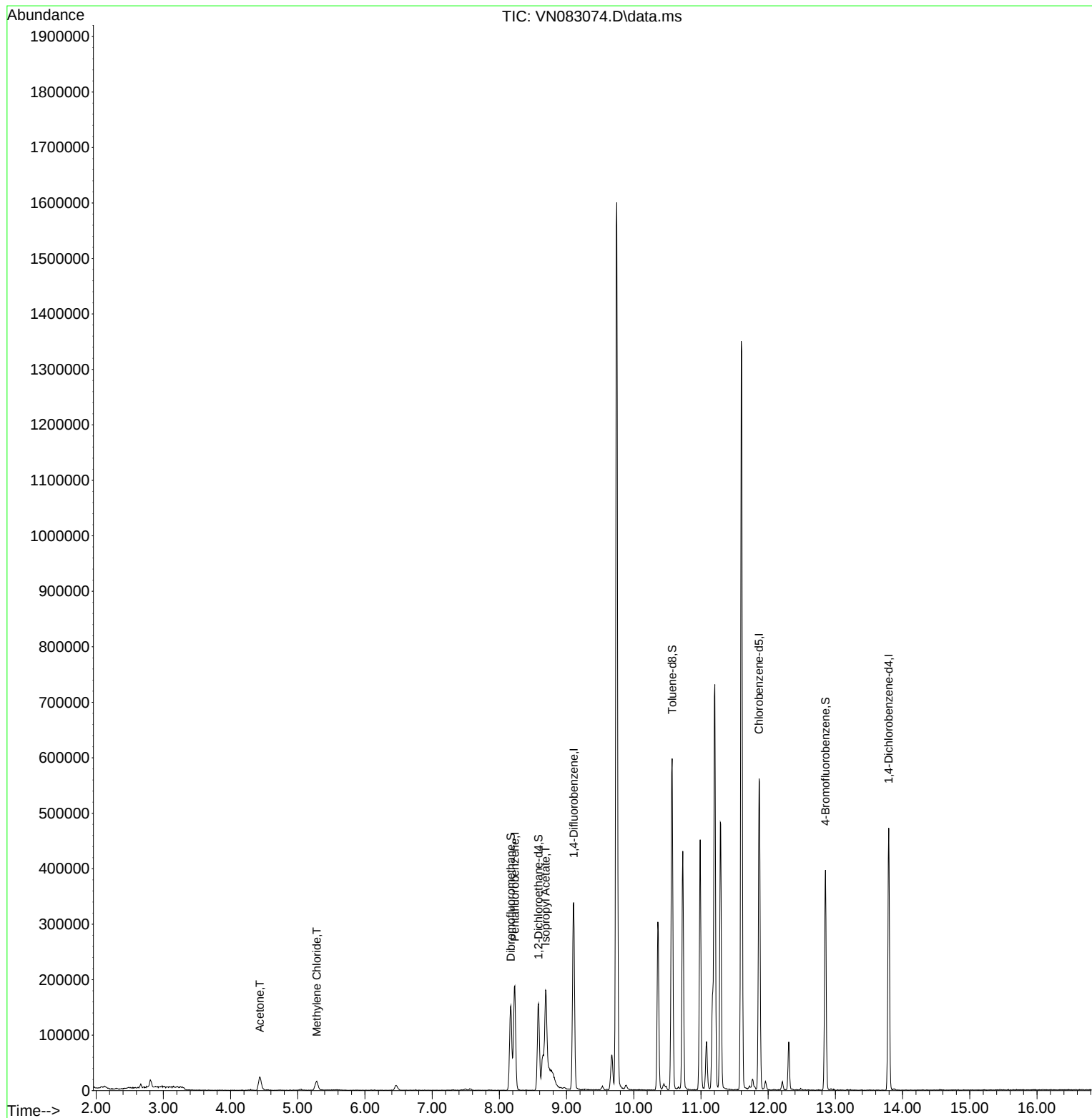
Internal Standards						
1) Pentafluorobenzene	8.230	168	126884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	283771	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	316494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	128632	72.320	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 144.640%#	
35) Dibromofluoromethane	8.171	113	107817	59.211	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 118.420%	
50) Toluene-d8	10.571	98	397677	59.131	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 118.260%#	
62) 4-Bromofluorobenzene	12.853	95	120878	50.036	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 100.080%	
Target Compounds						
						Qvalue
16) Acetone	4.436	43	47304	75.539	ug/l	93
20) Methylene Chloride	5.283	84	12367	8.177	ug/l #	74
43) Isopropyl Acetate	8.688	43	280718	58.767	ug/l #	81

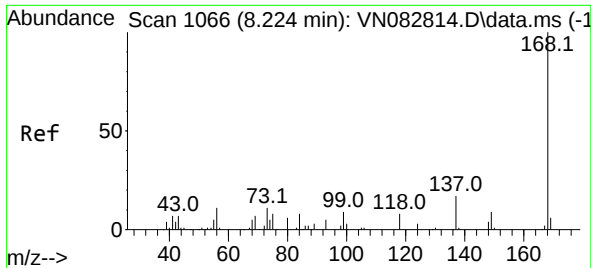
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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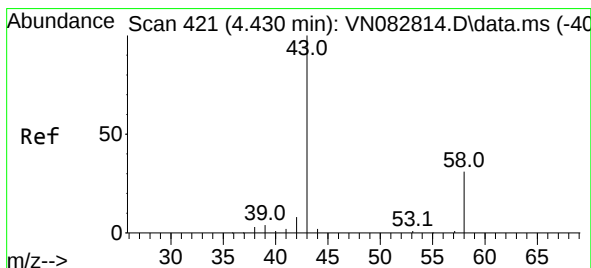
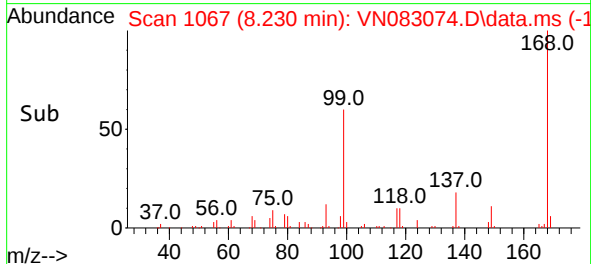
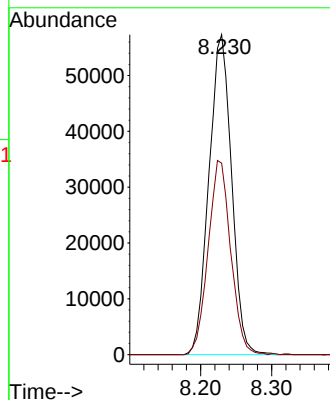
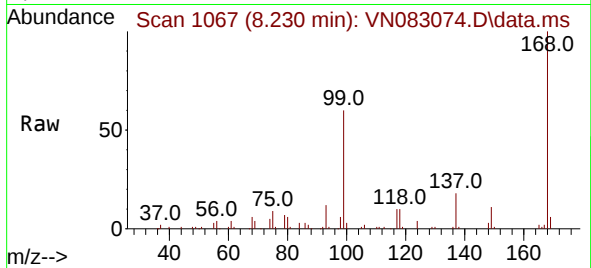




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.001 min
Lab File: VN083074.D
Acq: 30 Jul 2024 17:51

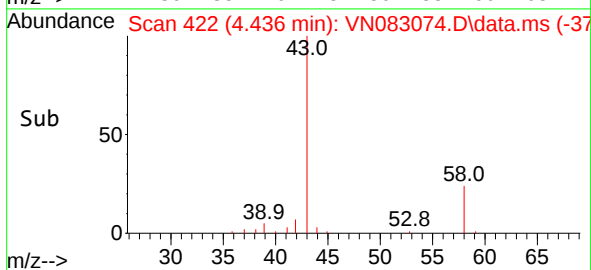
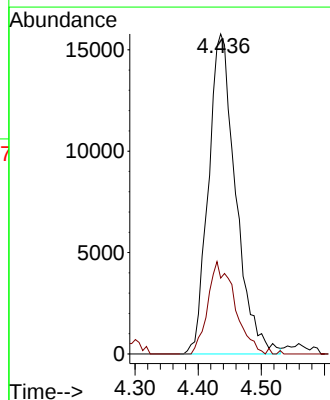
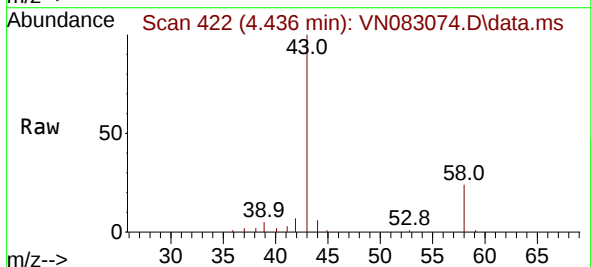
Instrument :
MSVOA_N
ClientSampleId :
PB162324ZHE#04

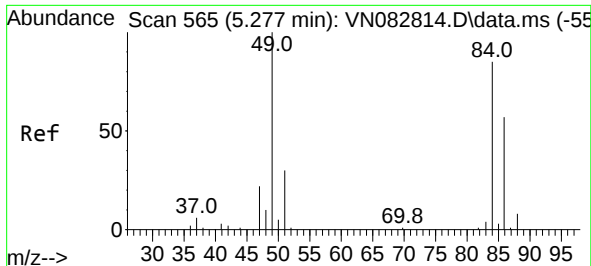
Tgt Ion:168 Resp: 126884
Ion Ratio Lower Upper
168 100
99 59.8 48.2 72.4



#16
Acetone
Concen: 75.539 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083074.D
Acq: 30 Jul 2024 17:51

Tgt Ion: 43 Resp: 47304
Ion Ratio Lower Upper
43 100
58 23.7 21.8 32.6

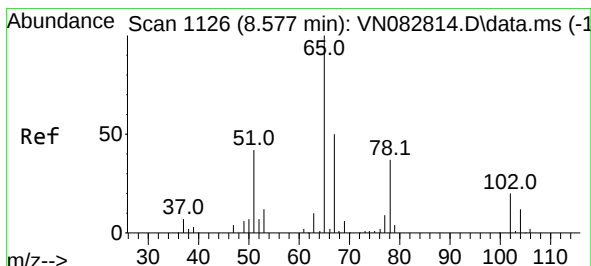
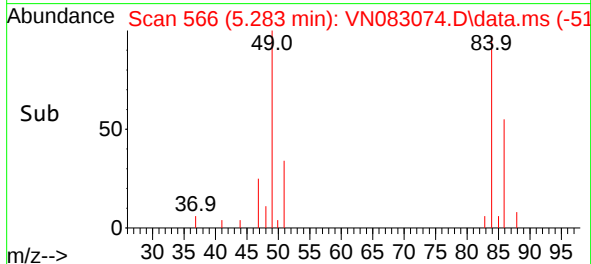
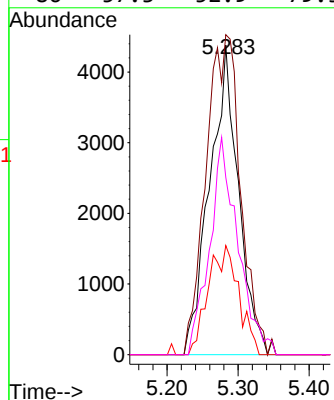
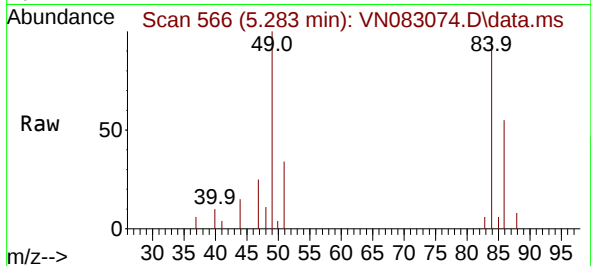




#20
Methylene Chloride
Concen: 8.177 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083074.D
Acq: 30 Jul 2024 17:51

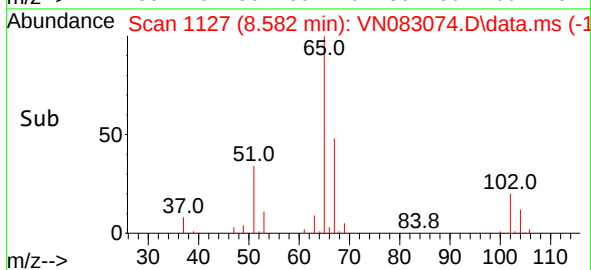
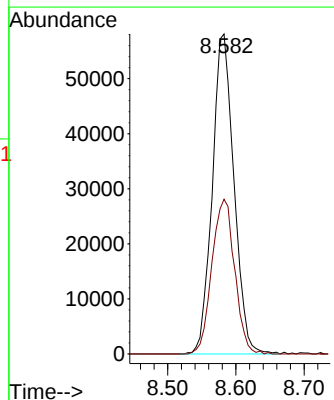
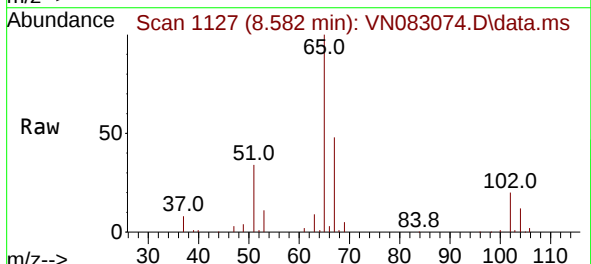
Instrument :
MSVOA_N
ClientSampleId :
PB162324ZHE#04

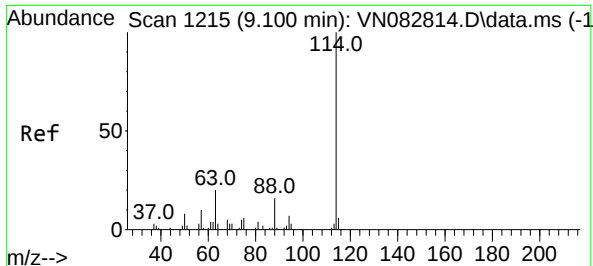
Tgt Ion: 84	Resp: 12367
Ion Ratio	Lower Upper
84	100
49	103.4 119.6 179.4#
51	35.3 34.8 52.2
86	57.3 52.9 79.3



#33
1,2-Dichloroethane-d4
Concen: 72.320 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083074.D
Acq: 30 Jul 2024 17:51

Tgt Ion: 65	Resp: 128632
Ion Ratio	Lower Upper
65	100
67	50.8 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083074.D

Acq: 30 Jul 2024 17:51

Instrument :

MSVOA_N

ClientSampleId :

PB162324ZHE#04

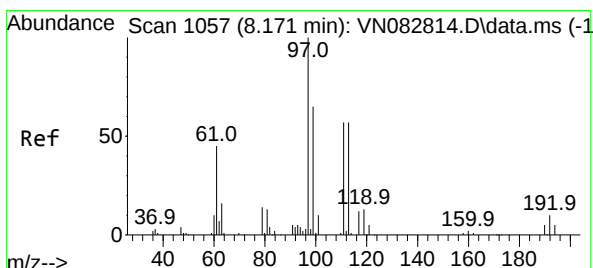
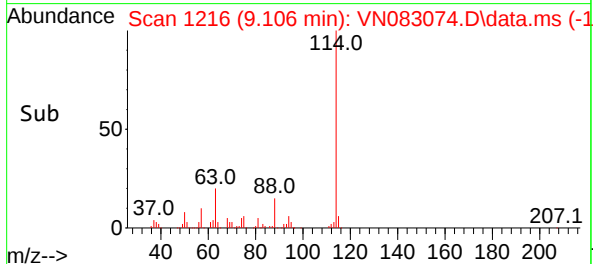
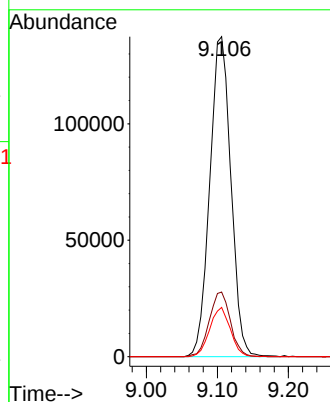
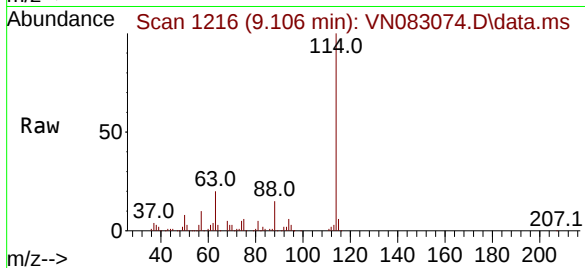
Tgt Ion:114 Resp: 283771

Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.6

88 15.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 59.211 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083074.D

Acq: 30 Jul 2024 17:51

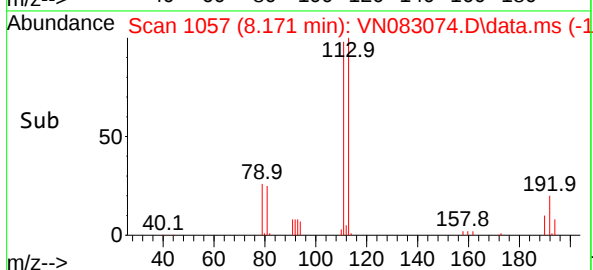
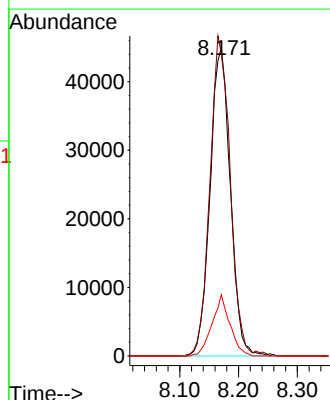
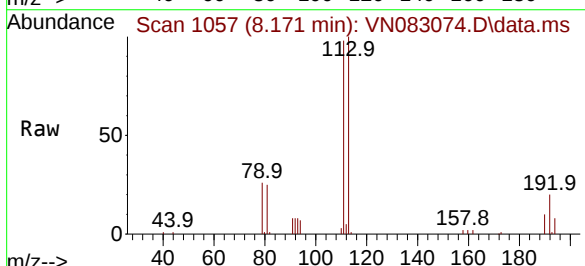
Tgt Ion:113 Resp: 107817

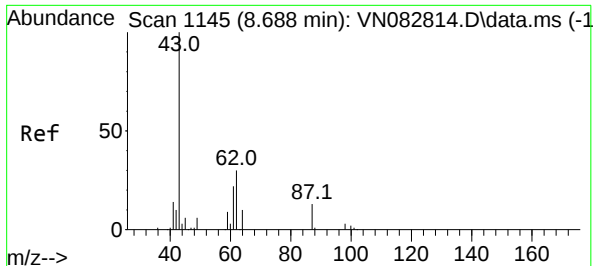
Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

192 17.5 14.9 22.3





#43

Isopropyl Acetate

Concen: 58.767 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN083074.D

Acq: 30 Jul 2024 17:51

Instrument :

MSVOA_N

ClientSampleId :

PB162324ZHE#04

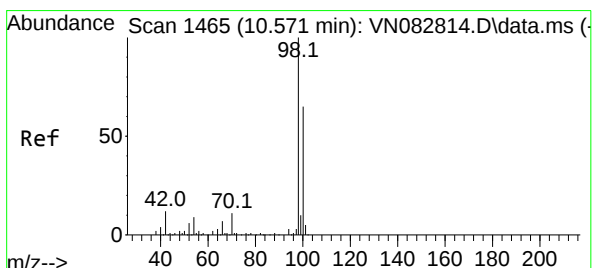
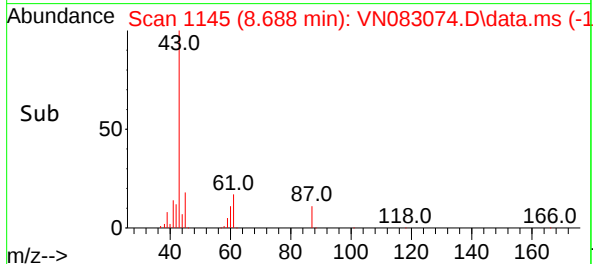
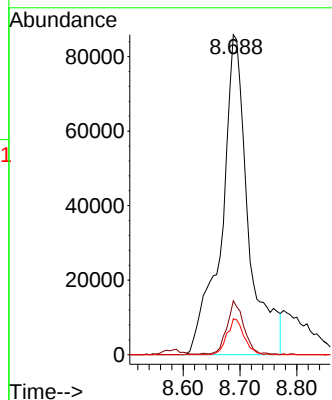
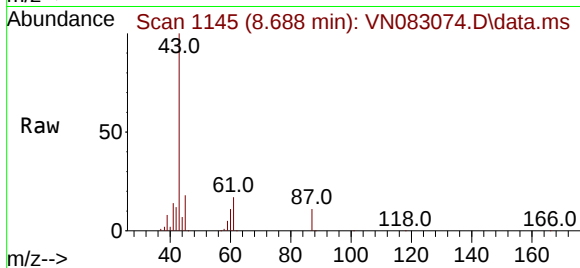
Tgt Ion: 43 Resp: 280718

Ion Ratio Lower Upper

43 100

61 10.9 17.8 26.6#

87 7.2 8.2 12.2#



#50

Toluene-d8

Concen: 59.131 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN083074.D

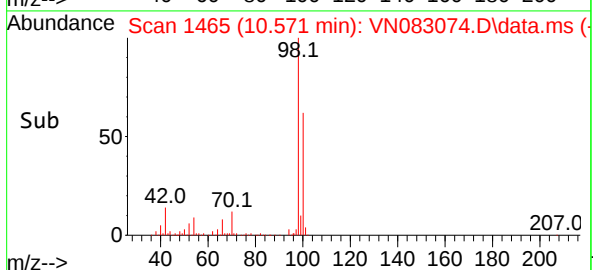
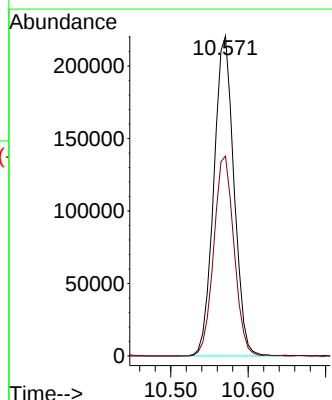
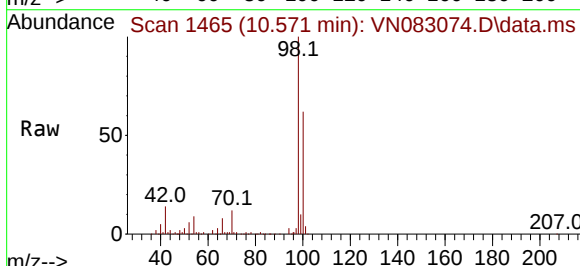
Acq: 30 Jul 2024 17:51

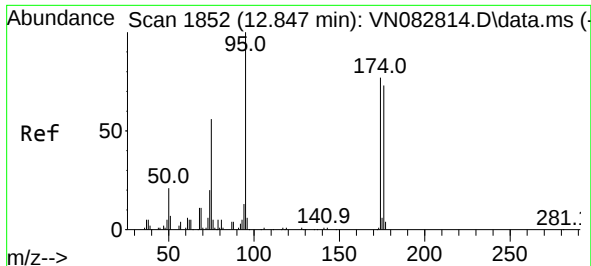
Tgt Ion: 98 Resp: 397677

Ion Ratio Lower Upper

98 100

100 63.0 51.5 77.3

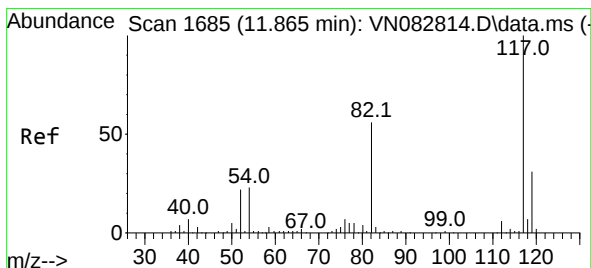
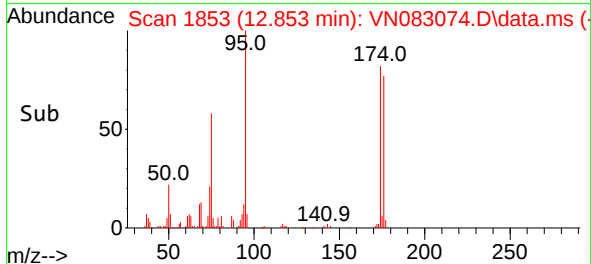
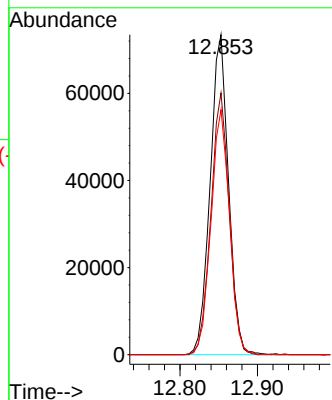
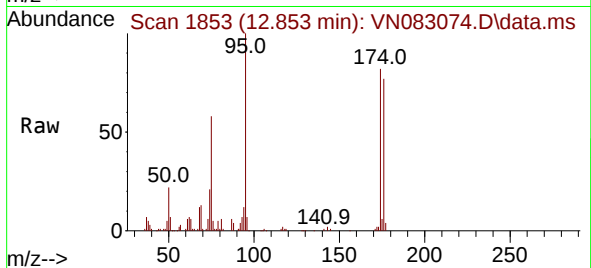




#62
4-Bromofluorobenzene
Concen: 50.036 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083074.D
Acq: 30 Jul 2024 17:51

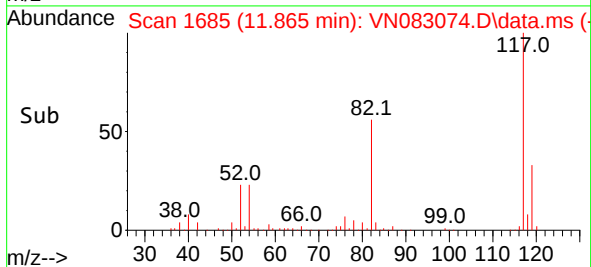
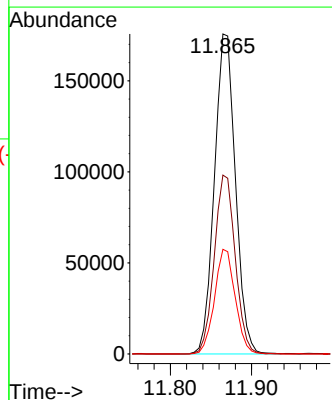
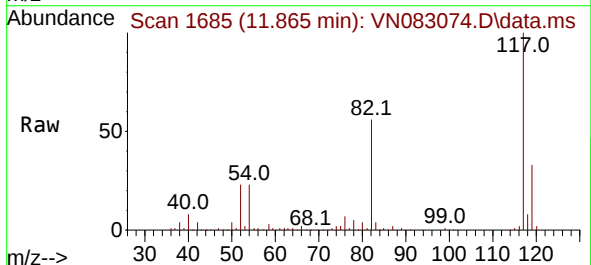
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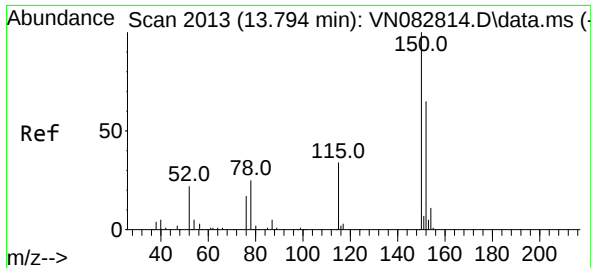
Tgt Ion: 95 Resp: 120878
Ion Ratio Lower Upper
95 100
174 81.7 0.0 159.2
176 77.4 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN083074.D
Acq: 30 Jul 2024 17:51

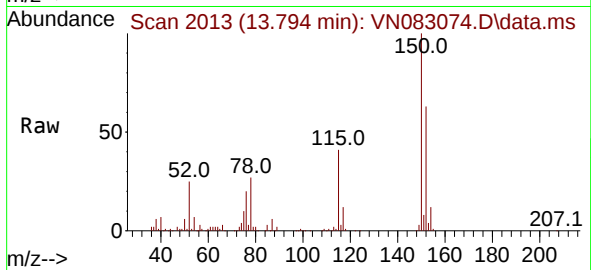
Tgt Ion: 117 Resp: 316494
Ion Ratio Lower Upper
117 100
82 55.9 47.5 71.3
119 32.7 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083074.D
 Acq: 30 Jul 2024 17:51

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162324ZHE#04



Tgt Ion:152 Resp: 121705
 Ion Ratio Lower Upper
 152 100
 115 59.6 30.6 91.6
 150 154.8 0.0 348.6

